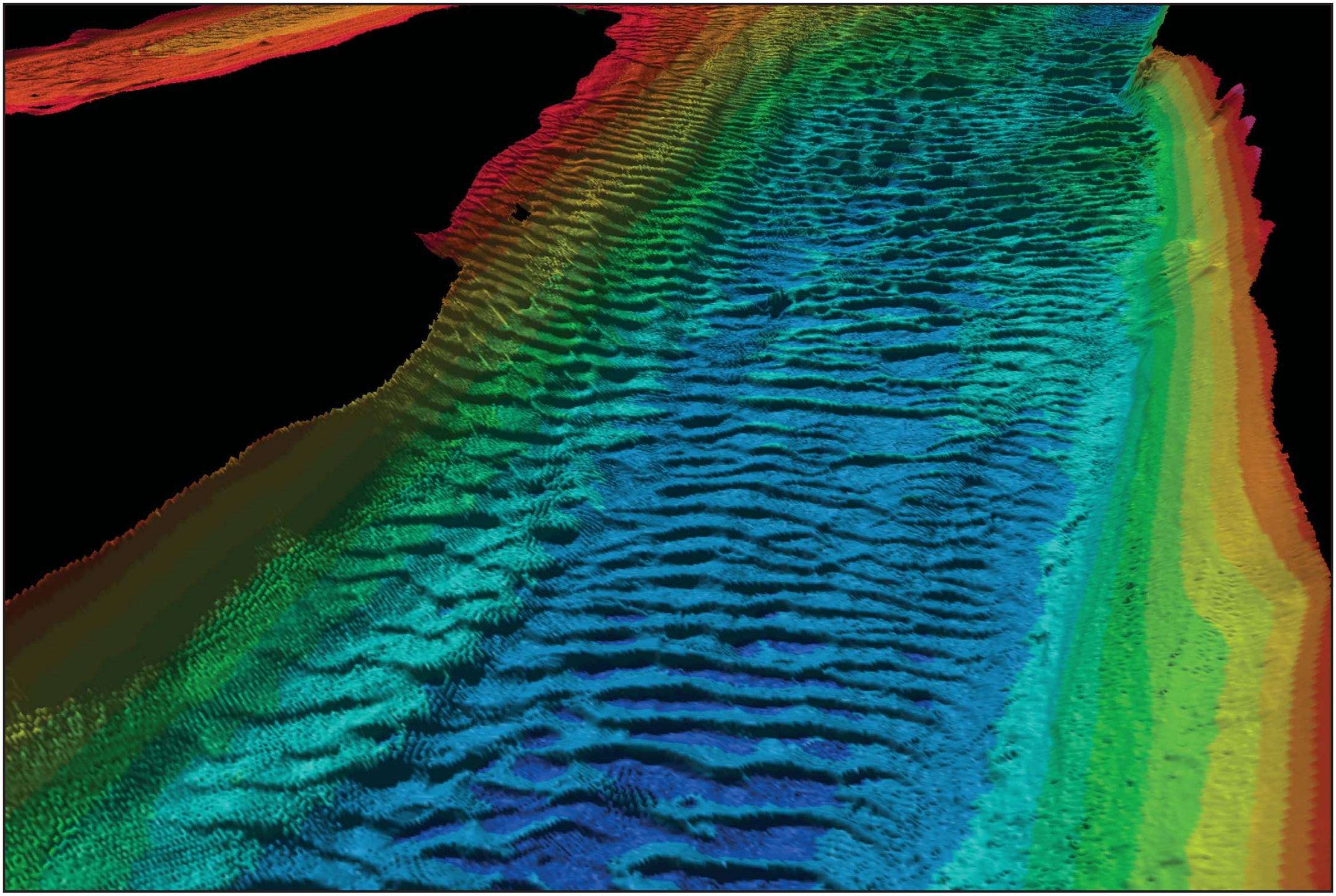
Sediment Waves on the Hudson River Bottom



300 meters

Perspective view of the bed of the Hudson River off Tivoli Bays generated from water depth measurements made with a hull-mounted swath sonar that measures the water depth on a one-meter grid in water depths greater than 5 meters. Colors represent water depth, increasing from red to blue. Black areas are shallow banks with no data. The river floor is characterized by sediment waves that in some cases are 3 meters high.

Image courtesy of the Hudson River Benthic Mapping Project. The mapping project was conducted by the Hudson River National Estuarine Research Reserve and Hudson River Estuary Program of the New York State Department of Environmental Conservation, with funding from the Environmental Protection Fund. Professor Roger Flood from the State University at Stony Brook collected the bathymetric data and generated the image.